

ABSTRACT OF THE DISCLOSURE

An electricity accumulating element comprising a pair of electrodes, and a dielectric thin film and a solid electrolyte thin film sandwiched between the electrodes, wherein the dielectric thin film is a metal oxide thin film such as a chromium oxide thin film. The metal oxide thin film preferably has a thickness of 1 to 100 nm, and is preferably a film obtained by subjecting to heat treatment at a temperature of 400 to 800°C. The solid electrolyte thin film is preferably a thin film obtained by firing a silicon-containing compound at a temperature of 200°C or more.